

CLAIMS

1. A universal graph compilation system comprising
a microcomputer ~~(23)~~ connected to at least one
5 component ~~(35)~~ on which must be implemented the command
corresponding to a graph, characterized in that in
order to simplify the entry of the graphs, this system
comprises a man-machine interface ~~(24)~~ implemented on
the microcomputer ~~(23)~~ where it is connected to a
10 compiler ~~(29)~~ which is itself connected via the
operating system of the microcomputer ~~(32)~~ to means of
writing in at least one memory ~~(34)~~ of the component
~~(35)~~, the man-machine interface comprising a
15 spreadsheet ~~(24)~~ associated with a library ~~(25)~~ of two
types of graphical symbols, each one corresponding,
with regard to the first type, to an elementary
component function and, with regard to the second type,
to a link relating to the symbols of the first type,
the symbols selected in the library being placed in the
20 spreadsheet at a rate of one symbol per cell or per
group of cells and assembled in such a way as to
constitute a graph, each of the graphical symbols being
represented in a group of adjacent elementary squares,
and their connections ending at the centers of the
25 corresponding sides of each elementary square.

2. The system as claimed in claim 1, characterized
in that the memories in which the components are
written are connected directly to the microcomputer
~~(33-34)~~.

30 3. The system as claimed in one of the preceding
claims, characterized in that the memories ~~(34)~~ in
which the commands must be written are fixed on the
corresponding components ~~(35)~~ and in that these
commands are remote loaded ~~(37)~~.

35 4. The system as claimed in ~~one of the preceding~~
~~claims~~, characterized in that the man-machine interface
comprises a topological checker ~~(26)~~ and a syntactic
and semantic checker ~~(27)~~.

add A3
B2